

## ECS Configuration Change Request

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Page(s)

1. Originator Rajesh Dharia	2. Log Date: 16 FEB 00	3. CCR #: 00.0163	4. Rev: -	5. Tel: (301) 925-0498	6. Rm #: 3204E	7. Dept. Rel. Dev
8. CCR Title: Install solaris 2.5.1 recommended patch 103640 -32 for JDK and JRE 1.2						
9. Originator Signature/Date <i>Rajesh Dharia 2/16/00</i>		10. Class IN	11. Type: CCR	12. Need Date: 2/11/00		
13. Office Manager Signature/Date <i>My S. Carter 2/16/00</i>		14. Category of Change: EDF (RTSC)		15. Priority: (If "Emergency" fill in Block 28). Emergency		
16. Documentation/Drawings Impacted: N/A		17. Schedule Impact: N/A		18. Cl(s) Affected:		
19. Release Affected by this Change: 5B		20. Date due to Customer: 3/1/00		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other: Change is necessary to allow upgrade to Java 2 (aka Java 1.2) to add required features to JDT.						
23. Problem: (use additional Sheets if necessary) JDK and JRE 1.2.1_04 release for Solaris Sparc 2.5.1 requires a recommended patch 103640-28 or higher (Kernel and libthread patch) on Sydney. Currently Java 2 is installed on Sydney (2/15/00 by Frank Watson) but gives error for not having this patch.  This change is intended to allow us to examine the feasibility of upgrading Java versions; it's not meant to alter the current development environment (yet), just to allow a developer to experiment.						
24. Proposed Solution: (use additional sheets if necessary) Install patch 103640-32 on sydney using tar file 1036240-32.tar on lemmings. Chksum : 1606889866 17849856 103640-32.tar						
25. Alternate Solution: (use additional sheets if necessary) N/A						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Java 2 can not run without this patch. Change is needed to allow us to add new capabilities (such as Context Sensitive Help and improved security) as well as to enable us to use a debugger (which doesn't work with Java 1.1) and a memory leak tool (ditto not working with 1.1). Also allows us to move to a much more stable version.						
27. Justification for Emergency (If Block 15 is "Emergency"): The debugging tools (Jprobe and Metameta) used for Java DAR tool does not work with Java1.1 Also, allows us to move to a much stable version. Customer due date is in early March.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input checked="" type="checkbox"/> Other sydney machine owned by Client group						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): <i>Rajesh Dharia 2/16/00</i>		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

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